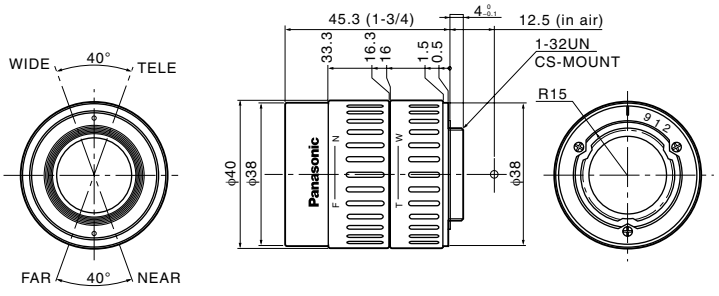
1/3-type Variable Focal Lenses

(For 1/3-type CCD Cameras)

Unit = mm (inches)

WV-LZF61/2

2x Variable Focal Fixed Iris Lens



Focal Length		3.8 - 8 mm
Aperture Ratio		F1.4 (Wide) to F1.8 (Tele)
Image Size		4.8(H) x 3.6(V) mm (ø6 mm)
Angular Field of View	**H**	35.6° (Tele) 73.6° (Wide)
	V	26.5° (Tele) 53.4° (Wide)

Iris Type	Fixed
Minimum Object Distance	Adjusted by camera
Optical Filter Size	None
Mount	Special C-Mount (CS-Mount, 1-32UN)
Weight	53 g (0.12 lbs.)
Dimensions (W x H x D)	ø40 x 49.3 mm (ø1-9/16" x 1-15/16")

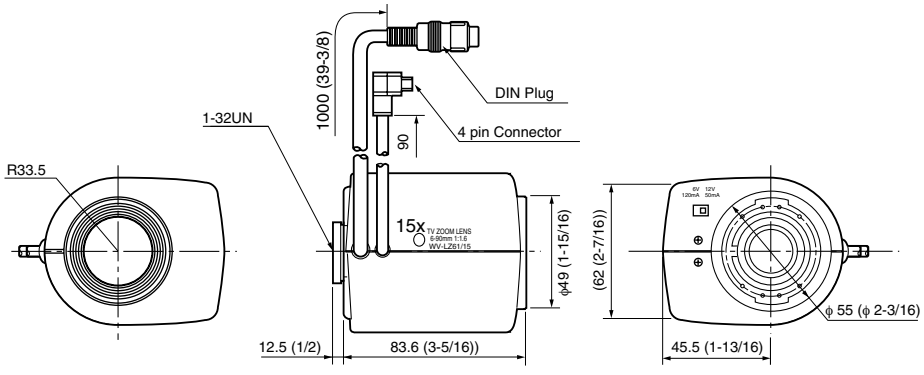
1/3-type Zoom Lens

(For 1/3-type CCD Cameras)

Unit = mm (inches)

WV-LZ61/15

15x Zoom Lens



Focal Length		6 - 90 mm (15x)
Aperture Ratio		F1.6 (Wide) to F176, close F2.6 (Tele) to F176, close
Image Size		4.8(H) x 3.6(V) mm (equivalent to 1/3")
Angular Field of View	**H**	3.2° (Tele) 44.4° (Wide)
	V	2.4° (Tele) 33.6° (Wide)
Iris Type		Automatic
Minimum Object Distance		2.0 m (6.6 ft.)
Optical Filter Size		M46 mm, P = 0.75 mm
Mount		Special C-Mount (CS-Mount, 1-32UN)
Weight		260 g (0.57 lbs.)

Dimensions (W x H x D)		79 x 67 x 87 mm (3-1/8" x 2-5/8" x 3-7/16")
Zoom and Focus Control	**Control Voltage**	±6 to ±12V DC (Accept, Wide Voltage)
	Polarity	Zoom: (+) Tele (–) Wide Focus: (+) Near (–) Far
	Operating Speed	Zoom: Approx. 7 sec. at ±6 - ±12V DC Focus: Approx. 7.5 sec. at ±6 - ±12V DC
Focus Control	**Far**	120mA at –6 - –12V DC
	Near	120mA at +16 - +12V DC
Zoom Control	**Wide**	120mA at –6 - –12V DC
	Tele	120mA at +16 - +12V DC

Pin Configuration	1. Common 2. Not Used 3. Focus 4. Zoom

Note: Zoom or focus speed can not be changed even if the control voltage will be varied. (±6V - ±12V)